

AIT Introduces Device to Simplify and Lower Cost of Streaming MIL-STD-1553 for Avionics Testing

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OMAHA, Neb.--(BUSINESS WIRE)-- [Avionics Interface Technologies \(AIT\)](#) introduces the [eDAQ-1553](#), a compact, simple-to-use network appliance for streaming MIL-STD1553 bus data over Ethernet local area networks (LANs). The new product requires no external software or special setup, saving cost and cycle time.

“Our new eDAQ-1553 allows 1553 bus data to be monitored and streamed over any Ethernet LAN. There is no complicated setup – just apply power, attach the 1553 and Ethernet connections, configure the UDP address, and the eDAQ-1553 runs by itself. Since the output Ethernet stream conforms to the industry standard IRIG 106 Chapter 10 format, any Chapter 10 analyzer software that can monitor and display 1553 data can be used. We have given customers the freedom to choose the best MIL-STD-1553 hardware and software analyzer solutions rather than proprietary, single vendor solutions,” states Ken Bisson, AIT Sales manager.

The eDAQ-1553 features include:

- **The ability to monitor 100% MIL-STD-1553 databus traffic from two channels simultaneously.** The solution handles 100% bus load on two MIL-STD-1553 channels and converts it into two IRIG 106 Chapter 10 streams, consuming 3Mbps to 4.6Mbps combined bandwidth on the LAN.
- **Compatibility with any IRIG 106 Chapter 10 monitoring software.** The eDAQ-1553 generates standard streams, so the output can be used by any third party Chapter 10 analyzer software.
- **Accessibility from any host system on the LAN.** The eDAQ-1553 can be configured to unicast to a single LAN host or to multicast.

To learn more about the capabilities of this new product, visit AIT's [eDAQ-1553](#) page or contact your AIT/Teradyne sales person.

About AIT

[Avionics Interface Technologies](#), a division of [Teradyne, Inc.](#) (NYSE: TER), is a leading supplier of avionics databus modules and a wide array of simulation and analyzer products. AIT products include interfaces for MIL-STD-1553, ARINC-429, Fibre Channel, HS-1760, ARINC-664 and Deterministic Ethernet. AIT software solutions are used for testing and ARINC-615A and ARINC-615 DataLoading. AIT is headquartered in Omaha, NE, with a design and production facility based in Dayton, Ohio, near Wright Patterson AFB. AIT is a registered ISO9001:AS9100C company.



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